

## EAST Search History

| Ref # | Hits | Search Query   | DBs               | Default Operator | Plurals | Time Stamp       |
|-------|------|--|-------------------|------------------|---------|------------------|
| L2    | 14   | fuel cell and substrate with cathode and film with (nanoparticle or nanowire or nanowhisker or nanotube or nanorod)  | US-PGPUB; USPAT   | ADJ              | ON      | 2006/04/13 14:38 |
| L3    | 5    | fuel cell and substrate with cathode and film with (nanoparticle or nanowire or nanowhisker or nanotube or nanorod)  | EPO; JPO; DERWENT | ADJ              | ON      | 2006/04/13 14:40 |
| L4    | 4    | fuel cell and substrate with cathode with film with (nanoparticle or nanowire or nanowhisker or nanotube or nanorod) | EPO; JPO; DERWENT | ADJ              | ON      | 2006/04/13 14:40 |
| L5    | 0    | fuel cell and substrate with cathode with film with (nanoparticle or nanowire or nanowhisker or nanotube or nanorod) | US-PGPUB; USPAT   | ADJ              | ON      | 2006/04/13 14:41 |
| L6    | 0    | fuel cell and substrate with cathode near film with (nanoparticle or nanowire)                                       | US-PGPUB; USPAT   | ADJ              | ON      | 2006/04/13 14:41 |
| L7    | 0    | fuel cell and substrate with film with cathode with (nanoparticle or nanowire)                                       | US-PGPUB; USPAT   | ADJ              | ON      | 2006/04/13 14:42 |
| L8    | 0    | fuel cell and substrate with film with cathode near (nanoparticle or nanowire)                                       | US-PGPUB; USPAT   | ADJ              | ON      | 2006/04/13 14:42 |
| L9    | 0    | fuel cell and substrate and film with cathode near (nanoparticle or nanowire)  | US-PGPUB; USPAT   | ADJ              | ON      | 2006/04/13 14:42 |
| L10   | 1    | fuel cell with substrate and cathode with nanoparticle   | US-PGPUB; USPAT   | ADJ              | ON      | 2006/04/13 14:44 |
| L11   | 1    | fuel cell with substrate and cathode with nanowire   | US-PGPUB; USPAT   | ADJ              | ON      | 2006/04/13 14:44 |
| L12   | 0    | fuel cell with cathode with film with nanowire   | US-PGPUB; USPAT   | ADJ              | ON      | 2006/04/13 14:45 |
| L13   | 3    | fuel cell with cathode and film with nanowire  | US-PGPUB; USPAT   | ADJ              | ON      | 2006/04/13 15:12 |
| L14   | 2    | fuel cell with substrate with cathode near film  | US-PGPUB; USPAT   | ADJ              | ON      | 2006/04/13 15:14 |
| L15   | 0    | fuel cell with substrate with cathode near film with (nanowire or nanoparticle or nanorod)                           | US-PGPUB; USPAT   | ADJ              | ON      | 2006/04/13 15:15 |
| L16   | 0    | fuel cell and substrate with cathode near film with (nanowire or nanoparticle or nanorod)                            | US-PGPUB; USPAT   | ADJ              | ON      | 2006/04/13 15:15 |

## EAST Search History

|     |     |  |                 |     |     |                  |
|-----|-----|--|-----------------|-----|-----|------------------|
| L17 | 0   | fuel cell and substrate with cathode with film with (nanowire or nanoparticle or nanorod)  | US-PGPUB; USPAT | ADJ | ON  | 2006/04/13 15:16 |
| L18 | 0   | fuel cell and substrate with film near cathode with (nanowire or nanoparticle or nanorod)  | US-PGPUB; USPAT | ADJ | ON  | 2006/04/13 15:16 |
| L19 | 1   | ("2002/0142202").URPN.   | USPAT           | ADJ | OFF | 2006/04/13 15:17 |
| L20 | 1   | fuel cell and substrate with film with nanofiber   | USPAT           | ADJ | OFF | 2006/04/13 16:04 |
| L21 | 2   | fuel cell and substrate with current collector near (copper or gold or stainless steel or nickel)  | USPAT           | ADJ | OFF | 2006/04/13 16:06 |
| L22 | 2   | fuel cell and substrate with current collector near (copper or gold or stainless steel or nickel)  | USPAT           | ADJ | ON  | 2006/04/13 16:06 |
| S1  | 2   | ("20020142202" "6509619").PN.  | US-PGPUB; USPAT | ADJ | OFF | 2006/04/13 11:52 |
| S2  | 108 | fuel cell and substrate with (electrolyte or cathode) and film with nano\$   | US-PGPUB; USPAT | ADJ | OFF | 2006/04/13 14:12 |
| S3  | 30  | fuel cell and substrate with (electrolyte or cathode) and film with (nanowire or nanotube or nanowhisker or nanorod or nanobelt or nanoparticle) | US-PGPUB; USPAT | ADJ | ON  | 2006/04/13 12:22 |
| S4  | 2   | 60/501158  | US-PGPUB; USPAT | ADJ | ON  | 2006/04/13 12:22 |